

63-7625



17 October 1963

Dr. Jerome B. Wiesner
Director, Office of Science and Technology
Executive Office of the President
Washington, D. C.

Dear Dr. Wiesner:

During the course of a recent review of programs in support of intelligence objectives, three problems in the field of non-numerical automatic data processing which we believe to be especially critical have been noted. These are:

- (1) The conversion of text on hard copy into text which can be read by machines;
- (2) The development of massive memories to which access may be had at random; and,
- (3) Devising advanced techniques for processing information.

These problems, which are already the object of extensive support by both private industry and the Government, transcend the field of intelligence. Moreover, it does not appear that additional financial support will suffice because research talent of the caliber needed to get results is in short supply.

Your views on what might be done -- and on how we of the intelligence community could help -- would be appreciated.

Inasmuch as they both have a keen interest in these matters, I am sending copies of this letter to Dr. Leland J. Maxworth, Director, National Science Foundation, and Dr. Harold Brown, Director, Defense Research and Engineering.

Faithfully yours,

(Signed) Marshall S. Carter
Marshall S. Carter
Lieutenant General, USA

AD/CR:PA Borel:jec (7 Oct 63)

Rewritten for minor changes and signature element:

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Original version concurred in by **for Dr. Albert D. Wheelon** 25X1

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